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#### CLAIM AMENDMENTS

## WHAT IS CLAIMED IS:

This listing of the claims will replace all prior versions, and listing, of claims in the application:

- 1. (Currently Amended) Valve body with comprising a needle—(22) and a cartridge—(21) with a recess—(211), which takes in the needle—(22) and which comprises on one of its ends a seat plate (213), that comprises a needle seat—(2132) for the inward opening needle—(22), with wherein the needle—(22) further comprisesing a seat-part—(221) with a sealing area—(222), that rests on the needle seat—(2132), if it is pushed against the needle seat—(2132), with wherein the seat-part—(221) comprisesing a cavity radially inwards from the sealing area—(222) and covering in axial extension the sealing area—(222), characterized in, that, and wherein the cavity is formed in proximity to the sealing area—(222), and makes the seat-part flexible in the sealing area—(222).
- 2. (Currently Amended) Valve—A valve body in accordance with according to claim 1, with wherein the cavity being—is formed as a blind hole—(223).
- 3. (Currently Amended) A valve body according to claim 1, comprising Valve body in accordance with one of the preceding claims with a filler part (226), that is taken in the cavity.

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- 4. (Currently Amended) A valve body according to claim 3, wherein Valve body in accordance with claim 3 with the filler part (226) protrudesing into a sack volume (2133) formed in the seat plate (213).
- 5. (Currently Amended) A valve body according to claim 3, wherein Valve body in accordance with one of the claims 3 or 4, with the filler part—(226) consistsing of plastics.
- 6. (Currently Amended) A valve body according to claim 1, wherein Valve body in accordance with one of the preceding claims with the cavity being is formed in an annular shape.
- 7. (Currently Amended) A valve body according to claim 6, wherein Valve body in accordance with claim 6 with part of the seat part (221) protrudesing into a sack volume (2133) formed in the seat plate (213).
- 8. (Currently Amended) A valve body according to claim 1,
  wherein Valve body in accordance with one of the preceding claims
  with the seat part (221) being is spherically shaped.
- 9. (Currently Amended) A valve body according to claim 8, wherein Valve body in accordance with claim 8 with the seat part (221) being is formed by a ball (228) with a hole passing through the ball (228), where into which the needle (22) is taken in and which forms together with the needle (22) a cavity.

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- 10. (Currently Amended) A Ffluid injector with comprising a housing—(1), an actuator unit and a valve body—(2) in accordance with one of the preceding claims according to claim 1.
- 11. (NEW) A valve body comprising a needle movably arranged within a cartridge with a recess, wherein the cartridge comprises on one of its ends a seat plate that comprises a needle seat, wherein the needle further comprises a tip with a sealing area resting on the needle seat when pushed against the needle seat, and wherein the tip comprises a cavity in proximity to the sealing area.
- 12. (NEW) A valve body according to claim 11, wherein the cavity is formed as a blind hole.
- 13. (NEW) A valve body according to claim 11, comprising a filler part that is arranged within the cavity.
- 14. (NEW) A valve body according to claim 13, wherein the filler part protrudes into a sack volume formed in the seat plate..
- 15. (NEW) A valve body according to claim 13, wherein the filler part consists of plastics.
- 16. (NEW) A valve body according to claim 11, wherein the cavity has an annular shape.
- 17. (NEW) A valve body according to claim 16, wherein part of the tip protrudes into a sack volume formed in the seat plate.
- 18. (NEW) A valve body according to claim 11, wherein the tip is spherically shaped.

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- 19. (NEW) A valve body according to claim 18, wherein the tip is formed by a ball comprising a hole into which the needle is inserted, wherein the ball together with the needle define a cavity.
- 20. (NEW) A fluid injector comprising a housing, an actuator unit and a valve body according to claim 11.